REGULATION OF TITft TiatPEBATURE IBB
TABLE N,~ 5'20 OHM. BUST .VKODUOK.U GAS (fr()l CUM. G-As+0-25 OHM. STKAM)
HUT wrru CHANGING QUANTITIES OF AIR.

	VI5 iiuu'H Air iunount.	f»(» per cent, morn Air than l'«'{ tim es.	50 per cent, loss Air than
Amount of gas .	.'5*2(5	5-2(5	5*20
Amount of air	cbm.	cbrn. 14-	cbm.
Combustible value of	7,554	19 ,,	o,318
gas burnt	cals. 1 -	7,554.	cals. 1-
Composition of tho pro- J	8(5 cbm.	cals. 1	13 cbm.
(X.) ducts of	0-03	*8G	0*73 „
combustion.) O	„ 10-23	cbm.	(5-50
IN Water-vapour .	„ 0-98	l«J «M	„ (V98
	„	,,	„
Utilisation of* beat in	2,571	2,571	2,571
the combustion ehamber	eals.	calR.	cals.
— Available heat of gas	4,012	0,018	2,000 ,,
at 1,200" . »,	„	„	
n n air ,, „		8,589	
Total available beat		dais.	
-f- combustible value		7,554	5,318 „
		,,	
Total energy in	M,K!7	10,143	9,S95
combustion chamber	ciils.	eals.	cals.
Loss energy in waste			7,382
gases at 1,700"			
.....			
Utilised in combustion	.-l,I.f.l	2,454	2,513
chamber .	«tlH.	culs.	cals.
(•alc.ula.ttul			
tcmponituro of com-			
bustion in combustion			
eham-bor, without			
taking into consideration			
radiation, etc. Valuoa for			2,159°
(\f for 2,000" employed		1,912" (I	0.
IPtiliBation in the	10,	,«,«»«,!,	7,382
chambers Available heat	(59;ie,als		eals.
waste gases 1 ,700" . „	.		2,490
,, ,, „			,,
700"			
llomaining in chambers	7,0(58	8,958 i -	4,982
	en Is.	itls.	eids.
Heat lost in waste gases	„,,,„„.		2,4 90
— Available heat of wast			cals.
.e gases at 7(H)' (\			2,230 „
>ml)Ustible vuluo of			
waste ganes at 700°			
.....			
Total loss	3, (525	4,731	4,72(5
	caln.	cals.	c,als.

lotnperaturo valuos aKcortainod. Ono HOOH that with nuch great ehangoH in tho quantity of air, alno with OXCOHH air, the temperature itself remains outeide the aclmiflsihlo limit, and thiw